

a first interface for receiving a current case dataset comprising radiological data of a patient;

a second interface to a number of pre-stored medical datasets each comprising radiological data of another patient;

a processor operating pursuant to instructions stored in a memory, the instruction comprising instruction to:

- evaluate each current case and pre-stored medical dataset according to a predefined AI-based method to obtain a number of definitive features for that case dataset; and
- identify a number of pre-stored medical datasets most similar to the current case dataset based on a comparison of the definitive features of the current case dataset with the definitive features of each pre-stored medical dataset to; and

an output interface for outputting the identified number of most similar pre-stored medical datasets.

**15.** The evaluation arrangement of claim **14** further comprising a screen for displaying the identified datasets.

**16.** A non-transitory computer-readable medium on which program elements are stored that can be read and executed by a computer, the non-transitory computer-readable medium having stored thereon instructions for:

- providing a current case dataset comprising radiological data of a patient;
- providing a number of pre-stored medical datasets each comprising radiological data of other patients;
- obtaining a number of definitive features for that case dataset based on an evaluation of each current case and pre-stored medical dataset according to a predefined AI-based method;
- identifying a number of pre-stored medical datasets most similar to the current case dataset based on a comparison of the definitive features of the current case dataset with the definitive features of each pre-stored medical dataset; and
- outputting the identified number of most similar pre-stored medical datasets.

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